Research Report

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| First Name | Xumeng | Last Name | Wang | CSC ID | 201806320196 |
| Domestic university | Zhejiang University | Domestic school | Computer Science and Technology | Domestic supervisor | Wei Chen |
| Hosting country | United States | Hosting university | University of California, Davis | Hosting supervisor | Kwan-Liu Ma |
| Hosting faculty or department | Department of Computer Science | Research area | Visualization | Duration of study | 12 months |
| Research summary | 1. I got acquainted with the new research environment and generated an idea about how to construct defense against inference attack through a visual approach. 2. I collected and studied related researches. After that, I determined the details of the new approach and find available datasets. 3. Based on the design, I developed a privacy preserving system with two students. We discussed with my hosting supervisor and students in the ViDi Lab to ask suggestions. As they suggested, we made some improvements. 4. We invited three experts to review our project. Moreover, we summarized our project into a paper and submitted it to IEEE VIS (a conference). | | | | |
| Research plan in the future | 1. No matter the submission result is good or not, we need to improve it. 2. I will take participants into a project about visual reasoning for RNN. 3. I plan to learn about federated learning and start a new project.   Signature:    Data: 05/10/2019 | | | | |
| Supervisor’s evaluation | Signature:    Date: | | | | |